Appl. No. 10/711,196
Amdt. dated August 24, 2006
Reply to Office action of June 15, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

5   ## Listing of Claims:

Claim 1 (original): A peripheral device capable of being connected to an interface port on
   an electronic device host, the peripheral device comprising:
   a housing;
10   an application module positioned at least partially inside the housing;
   a storage module positioned inside the housing for storing a device driver of the
      application module and a firmware that can drive the storage module to simulate
      an autorun function of an optical disc drive; and
   a hub controller positioned inside the housing, the hub controller being electrically
15   connected to the application module and the storage module;
   wherein when the hub controller is electrically connected to the interface port, the
      electronic device host is capable of retrieving the device driver stored by the
      storage module and running the device driver to operate the application module.

20   Claim 2 (original): The peripheral device of claim 1 further comprising a power controller
   electrically connected to the storage module and the application module for controlling
   whether a predetermined voltage is delivered to the storage module to enable the
   storage module and controlling whether the predetermined voltage is delivered to the
   application module to enable the application module.

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Claim 3 (original): The peripheral device of claim 2 wherein when the hub controller
   starts to operate, the power controller delivers a predetermined voltage to the storage
   device and stops delivering the predetermined voltage to the application device.

2

Appl. No. 10/711,196
Amdt. dated August 24, 2006
Reply to Office action of June 15, 2006

Claim 4 (original): The peripheral device of claim 3 wherein if the firmware detects that
the electronic device host comprises a driver, the firmware can send a control signal to
the power controller for driving the power controller to deliver the predetermined
5   voltage to the application device.

Claim 5 (original): The peripheral device of claim 3 wherein if the firmware doesn't
detect that the electronic device host comprises a driver. the firmware can drive the
storage device to execute the autorun function to install the driver of the electronic
10   device host.

Claim 6 (original): The peripheral device of claim 5 wherein if the driver is installed in
the electronic device host, the firmware can send a control signal to the power
controller for driving the power controller to deliver the predetermined voltage to the
15   application device.

Claim 7 (original): The peripheral device of claim 2 wherein the predetermined voltage is
outputted from the electronic device host through the interface port.

20   Claim 8 (original): The peripheral device of claim 1 wherein the interface port is a
CardBus port, and the hub controller is a bridge circuit that is used for bridging a
CardBus and a USB.

Claim 9 (original): The peripheral device of claim 1 wherein the interface port is a
25   CardBus port, and the hub controller is a bridge circuit that is used for bridging a
CardBus and an IEEE1394 bus.

Claim 10 (currently amended): A method of driving a peripheral device, the peripheral

3

Appl. No. 10/711,196
Amdt. dated August 24, 2006
Reply to Office action of June 15, 2006

device capable of being connected to an interface port on an electronic device host and comprising an application module, a storage module, and a hub controller, and the method comprising:

connecting the peripheral device and the interface port;

5   enabling the hub controller for controlling data transmission among the application module, the storage module, and the electronic device host;

enabling the storage module;

simulating an autorun function of an optical disc drive to install the driver of the application device in the electronic device host by having the storage device

10   execute the firmware to drive the storage device for; and

running the device driver to operate the application module.

Claim 11 (original): The method of claim 10 further comprising:

controlling whether a predetermined voltage is delivered to the storage module to

15   enable the storage module; and

controlling whether the predetermined voltage is delivered to the application module to enable the application module.

Claim 12 (original): The method of claim 11 wherein the predetermined voltage is

20   outputted from the electronic device host through the interface port.

Claim 13 (original): The method of claim 11 further comprising:

delivering the predetermined voltage to the storage device and stopping   delivering the predetermined voltage to the application device when the hub controller

25   starts.

Claim 14 (original): The method of claim 13 further comprising:

starting to deliver the predetermined voltage to the application device after the

4

firmware detects that the electronic device host comprises the driver.

Claim 15 (original): The method of claim 13 further comprising:

driving the storage device to execute the autorun function for installing the driver in
5   the electronic device host if the firmware doesn't detect that the electronic
device host comprises the driver.

Claim 16 (original): The method of claim 13 further comprising:

starting to deliver the predetermined voltage to the application device after the driver
10   is installed in the electronic device host.

Claim 17 (original): The method of claim 10 wherein the interface port is a CardBus port,
and the hub controller is a bridge circuit that is used for bridging a CardBus and a
USB.
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Claim 18 (original): The method of claim 10 wherein the interface port is a CardBus port,
and the hub controller is a bridge circuit that is used for bridging a CardBus and an
IEEE1394 bus.

20   Claim 19 (original): A peripheral device capable of being connected to an interface port
of an electronic device host, the peripheral device comprising:
a connector having a plurality of pins for connecting the interface port of the
electronic device host;
a hub controller electrically connected to the connector;
25   an application module electrically connected to the hub controller; and
a storage module electrically connected to the hub controller for storing data, the
storage module comprising:
a storage unit used for storing a firmware that can drive the storage module

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Appl. No. 10/711,196
Amdt. dated August 24, 2006
Reply.to Office action of June 15, 2006

                    to simulate an autorun function of an optical disc drive to install the   ․
                    driver in the electronic device host.

        Claim 20 (cancelled)
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        Claim 21 (new): A method of operating a peripheral device, the peripheral device
              comprising a hub controller and a power controller, each coupled to an application
              module and to a personal disk comprising firmware that includes a driver for the
              application module, the method comprising:
10   connecting the peripheral device to a computer host;
              the computer host outputting an operating voltage to the hub controller and to the
                    power controller;
              the hub controller triggering a first enable signal to drive the power controller to
                    begin to output a driving voltage to the personal disk;
15   the firmware simulating an autorun function of an optical disc drive;
              the computer host executing an install program through the autorun function;
              the install program detecting whether the computer host includes a driver for the
                    application module;
              if the install program detects that the computer host does not include the driver for
20   the application module, the install program tells the firmware to output the
                    driver to the computer host; and
              the personal disk outputting a second enable signal to drive the power controller to
                    begin to output a driving voltage to the application module so that the
                    application module can operate.
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